FIGURE 1A

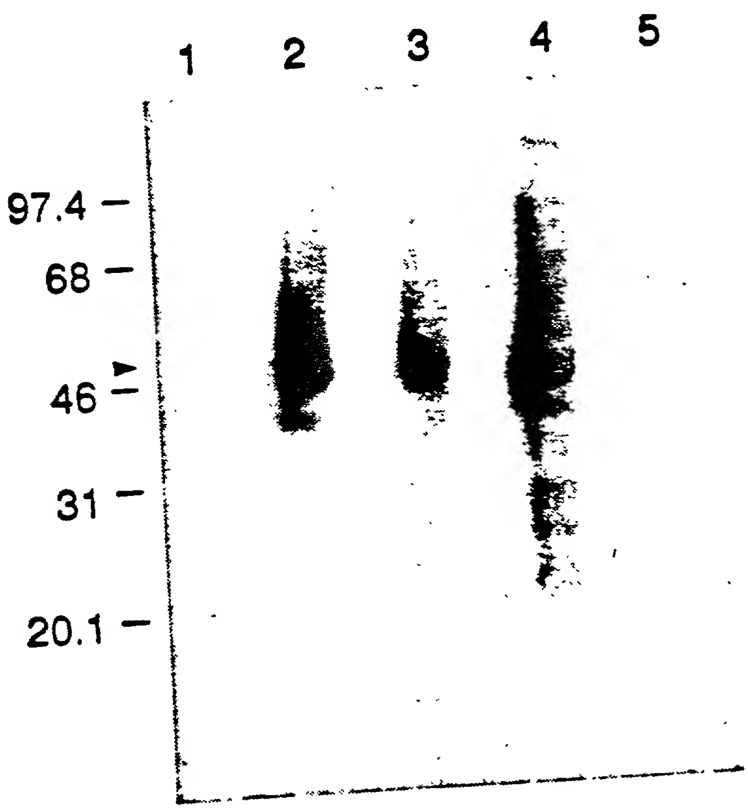


FIGURE 1B

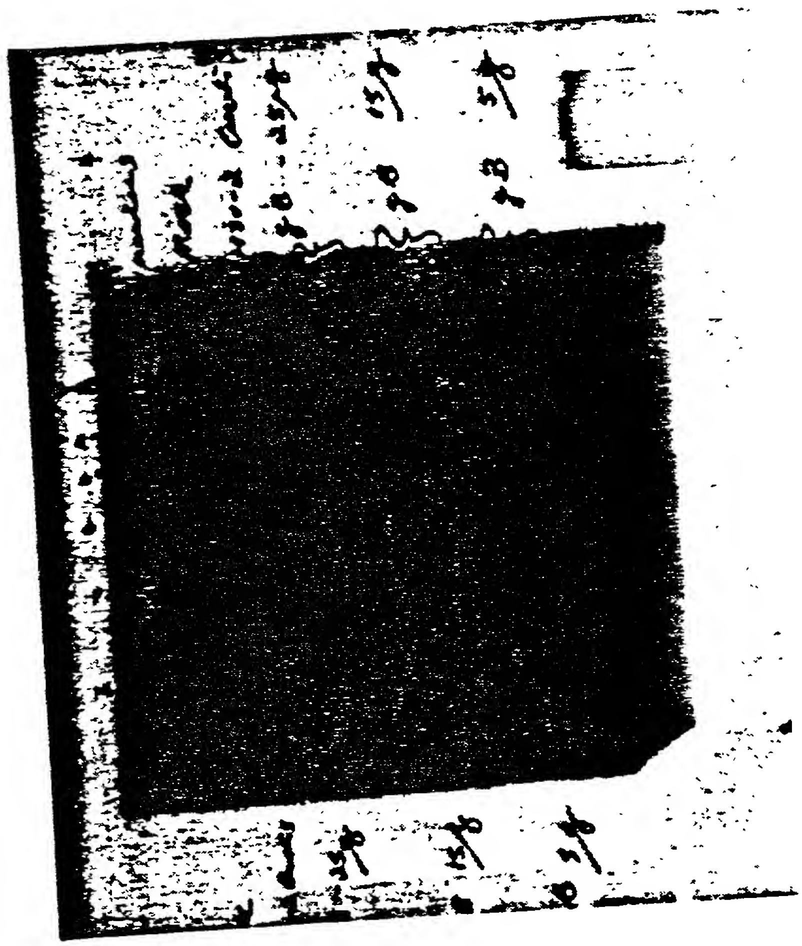


FIGURE 1C

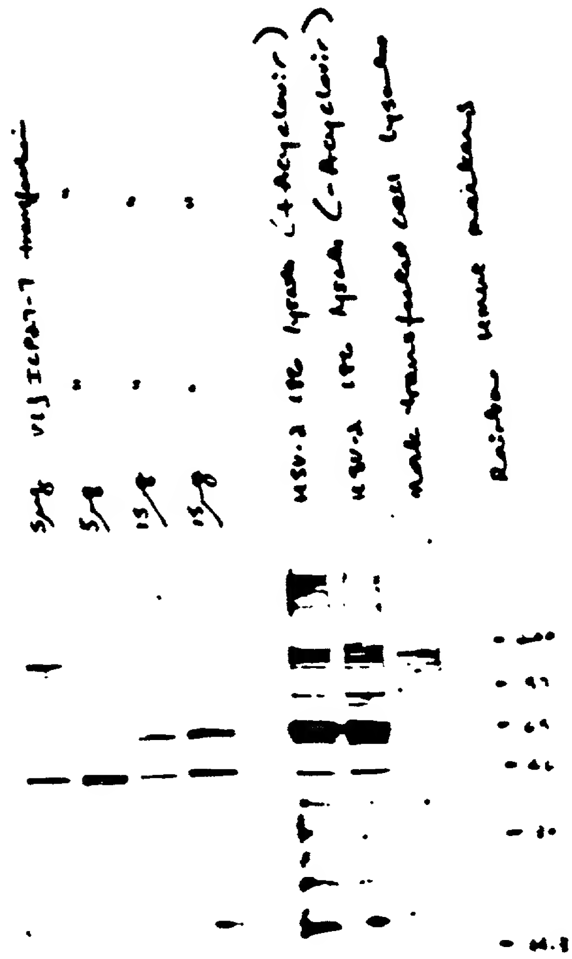


FIGURE 2A

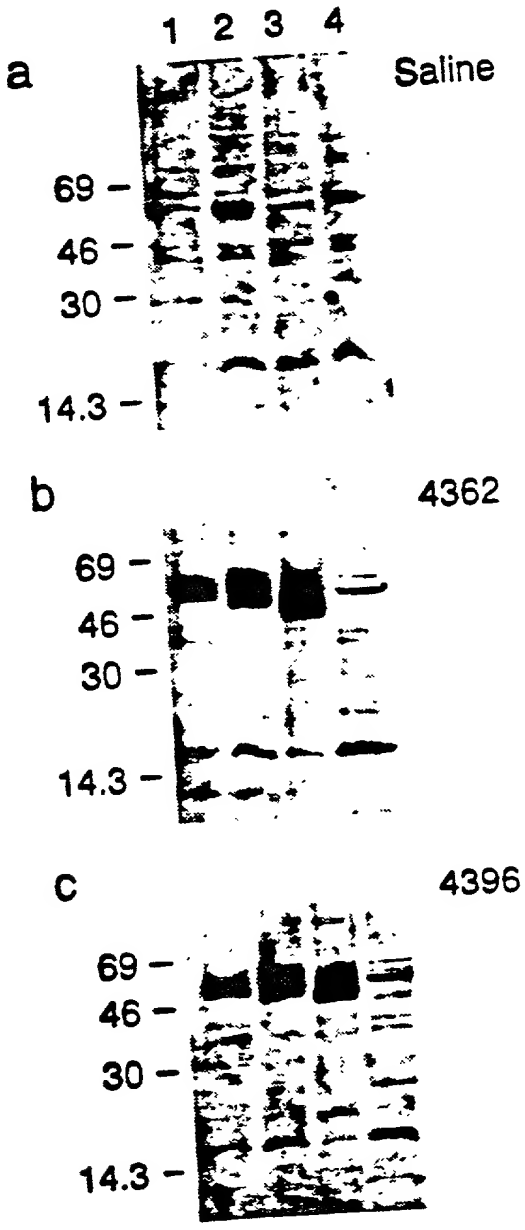


FIGURE 2B

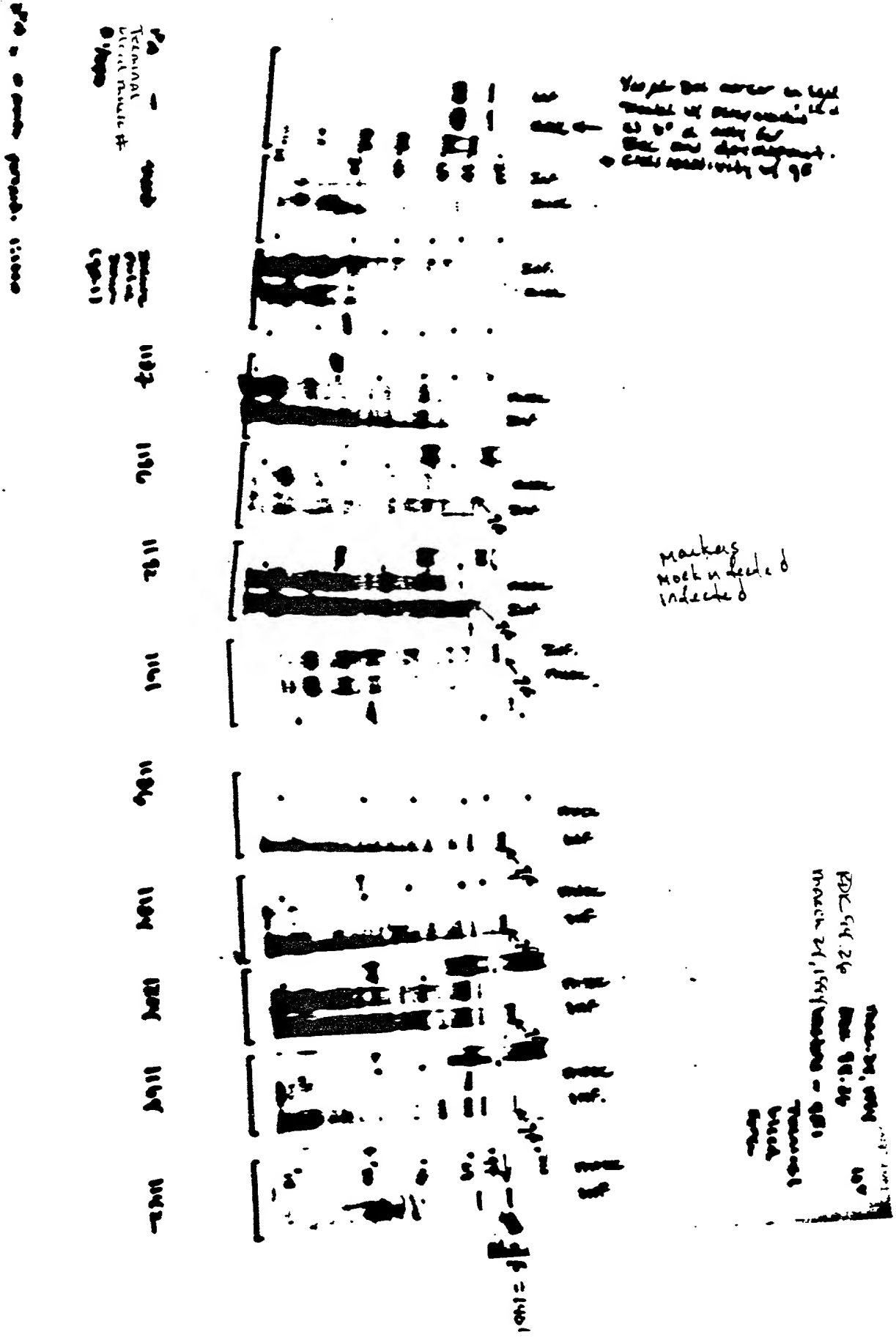


FIGURE 3

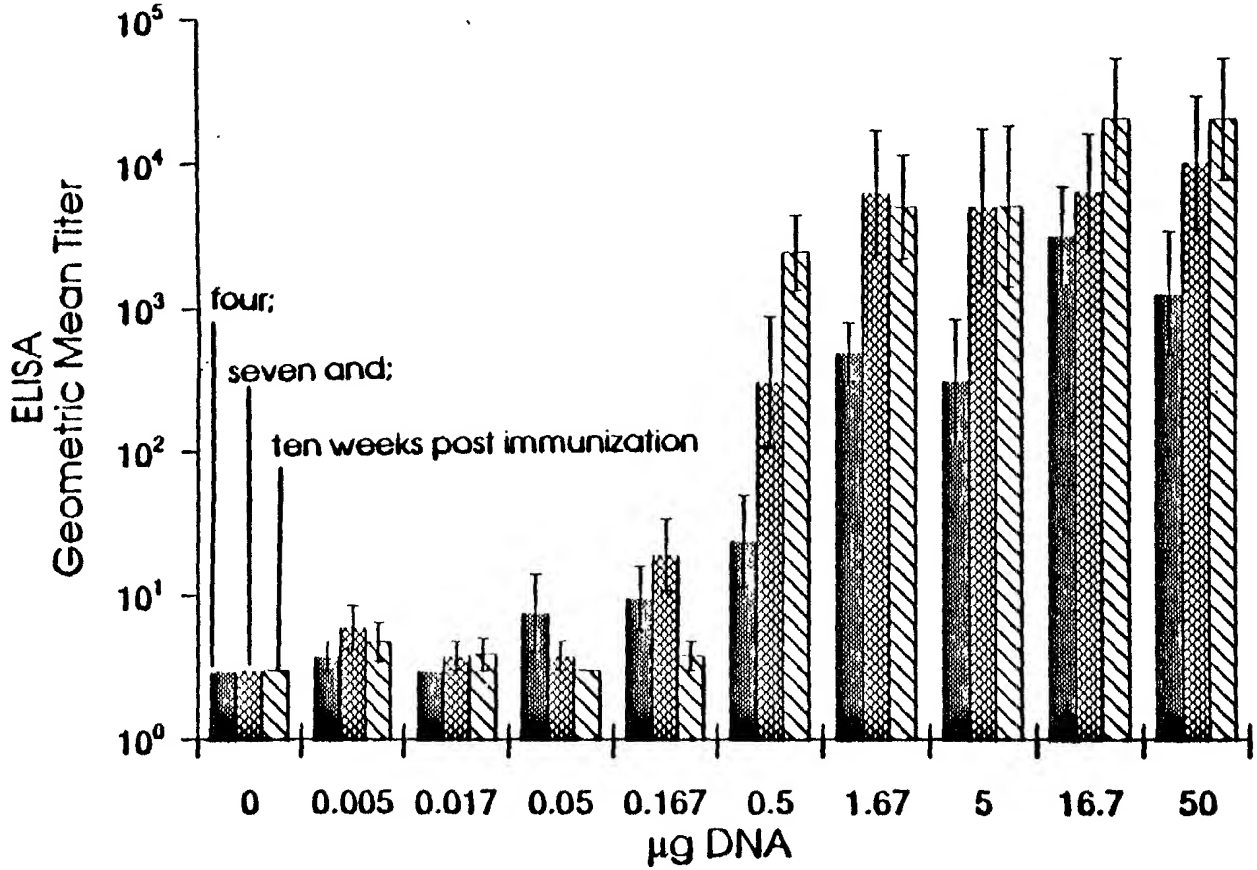
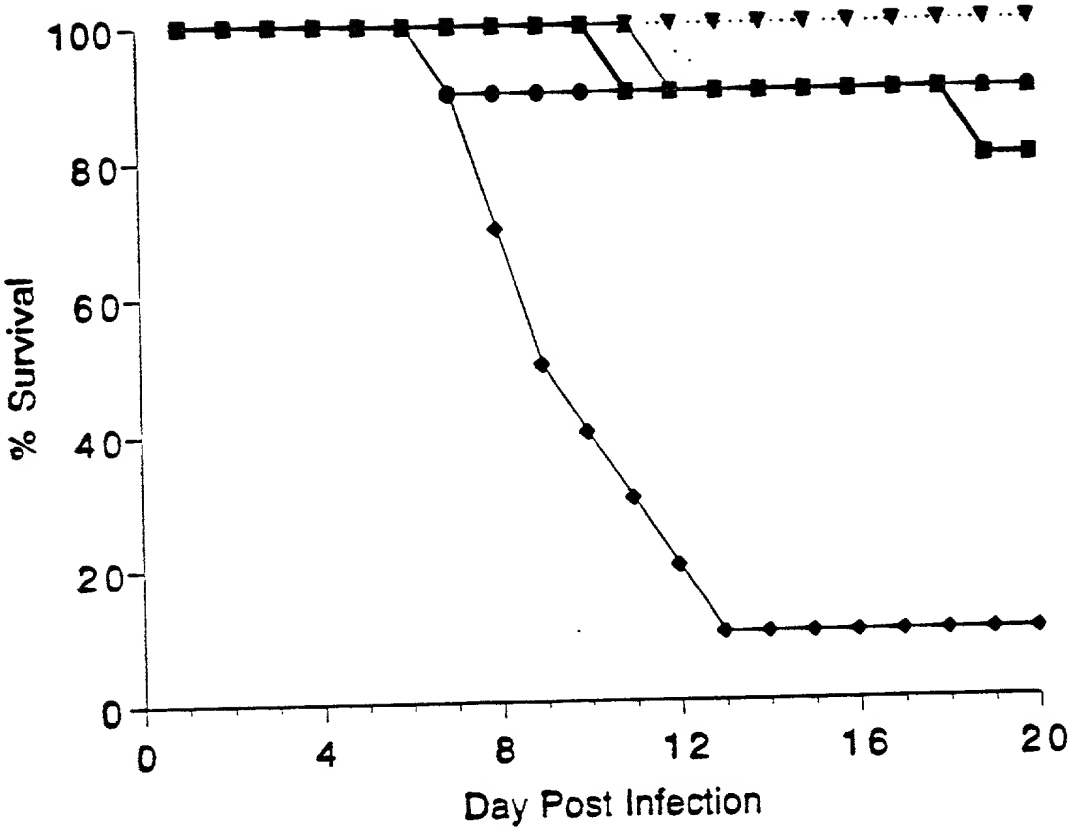


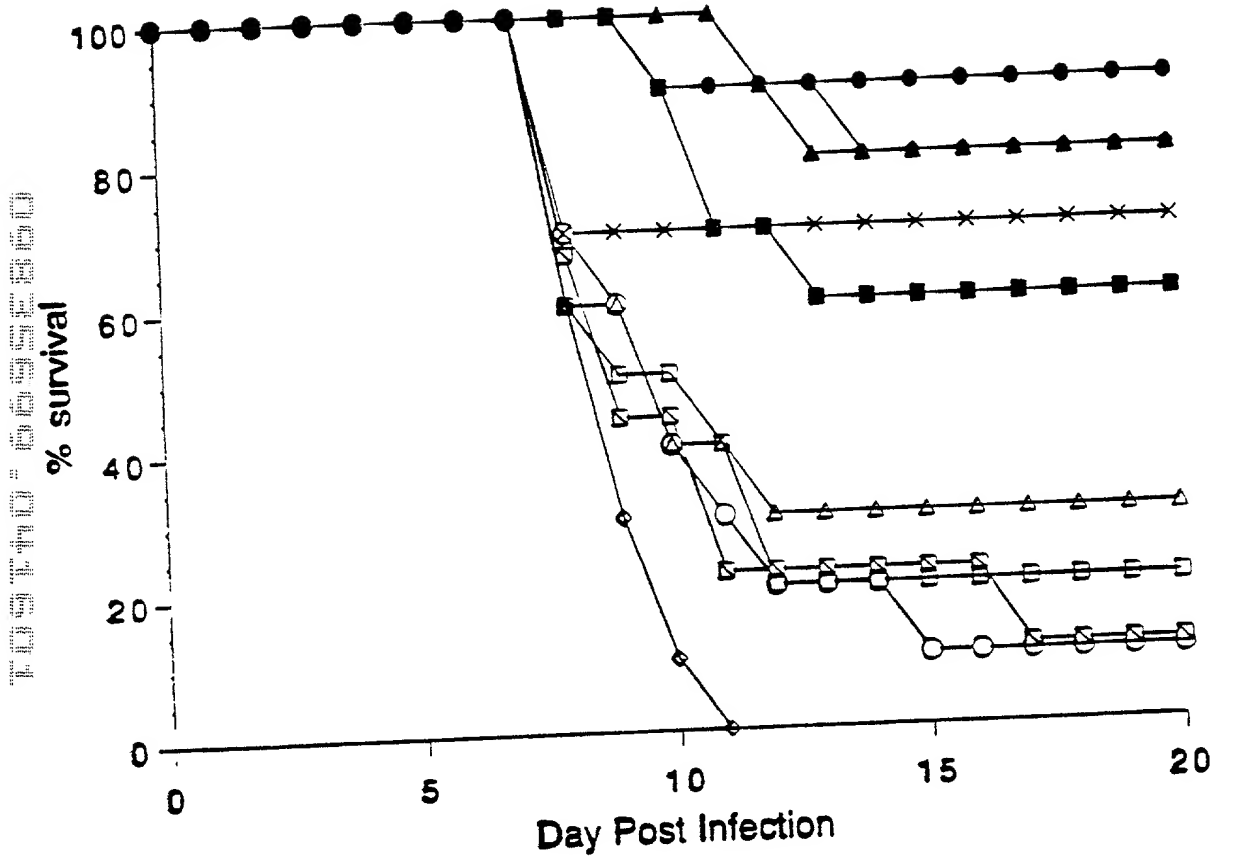
FIGURE 4



□ 1.56 µg; O 0.78 µg V1J:gD DNA; ◆ saline

Δ 200; 100; 50; 25; 12.5; 6.25; 3.13 µg

FIGURE 5



▲ 50 µg; ◆ 16.7 µg;
■ 5.0 µg; × 0.5 µg; Δ 0.167 µg; □ 0.05 µg; ◊ 0.017 µg; ⊠ 0.005 µg
Vij:gD DNA; O saline

FIGURE 6

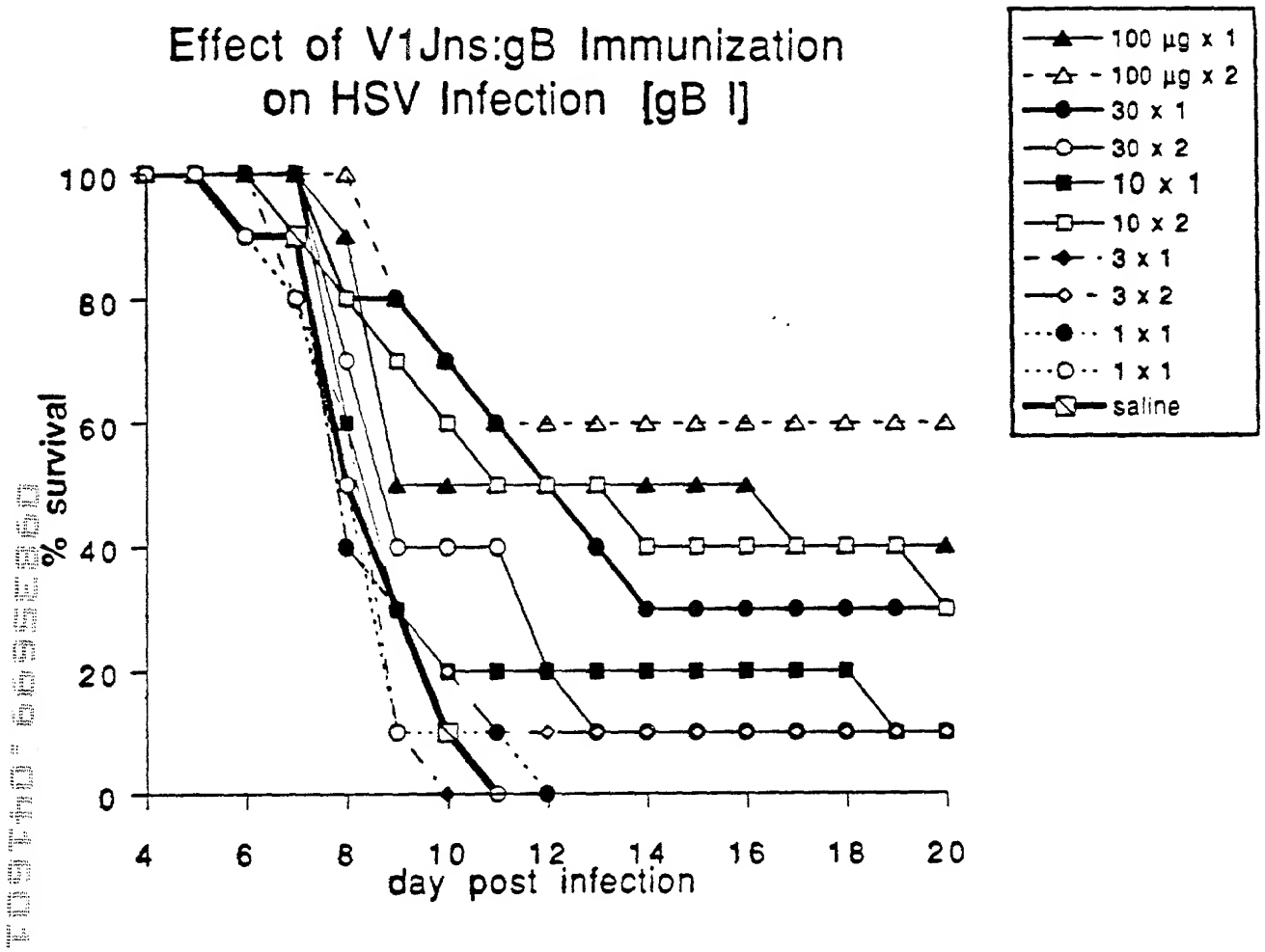

Effect of V1Jns:gB Immunization
on HSV Infection [gB I]
100 µg x 1
100 µg x 2
30 x 1
30 x 2
10 x 1
10 x 2
3 x 1
3 x 2
1 x 1
1 x 1
saline
% survival
100
80
60
40
20
0
4
6
8
10
12
14
16
18
20
day post infection

FIGURE 7

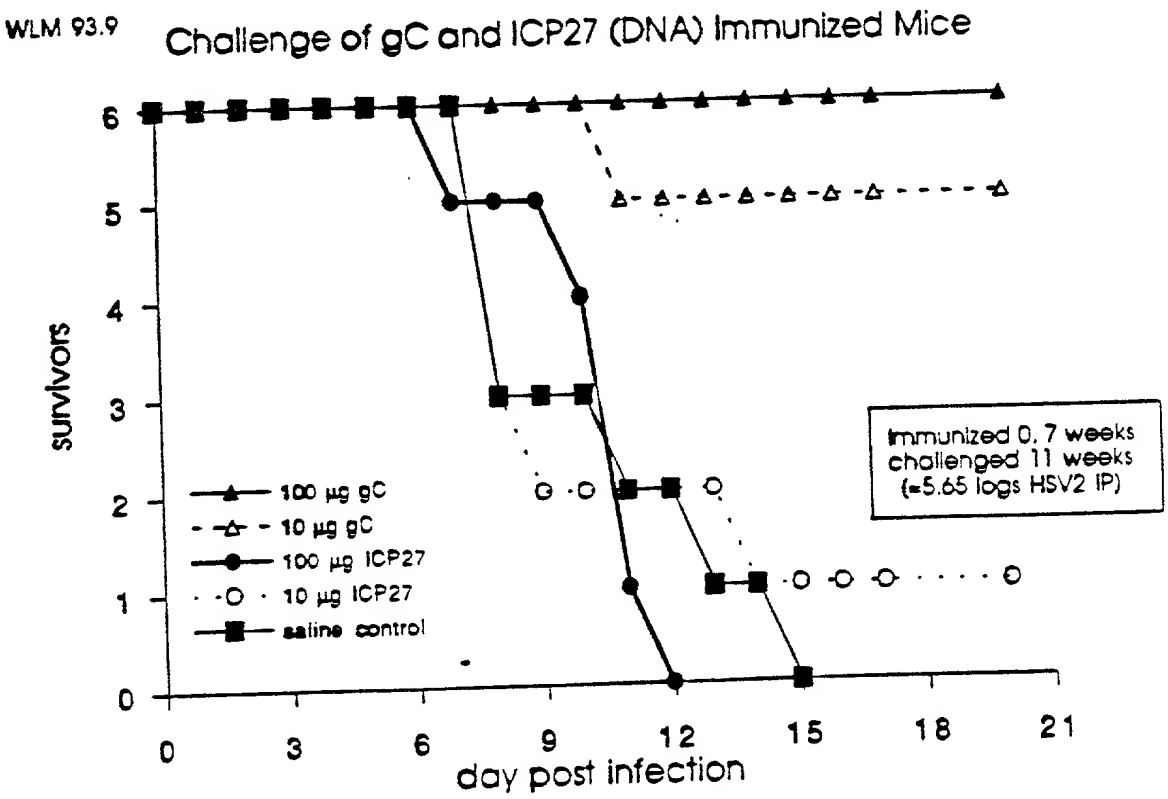

WLM 93.9
Challenge of gC and ICP27 (DNA) Immunized Mice
survivors
day post infection
100 µg gC
10 µg gC
100 µg ICP27
10 µg ICP27
saline control
Immunized 0, 7 weeks
challenged 11 weeks
(=5.65 logs HSV2 IP)

FIGURE 8

Group[a]	Survivors/ Total (%)	Mean Day to Death	Paralyzed/ Total (%)	Vaginal Virus Titer[b] Day 2[c]	Day 4	Day 6
Vaccine, 10 µg	8/10 (80)	12.5 ± 0.7	5/10 (50)	3.8 ± 1.9	2.3 ± 1.2	<1.5 ± 0.0
Vaccine, 100 µg	10/10 (100)†	>21	0/10 (0)*	3.0 ± 1.3Ø	2.0 ± 0.7†	<1.5 ± 0.0
Placebo	6/10 (60)	14.8 ± 4.0	8/10 (80)	5.0 ± 2.3	3.1 ± 1.4	1.6 ± 0.3

a The vaccine was administered intramuscularly 11 and 4 weeks prior to virus challenge.
b Log10 cell culture infections doses per ml, determined from vaginal swabs.
c After virus inoculation.
* P<0.001.
† P=008, Ø P=0.06.

FIGURE 9

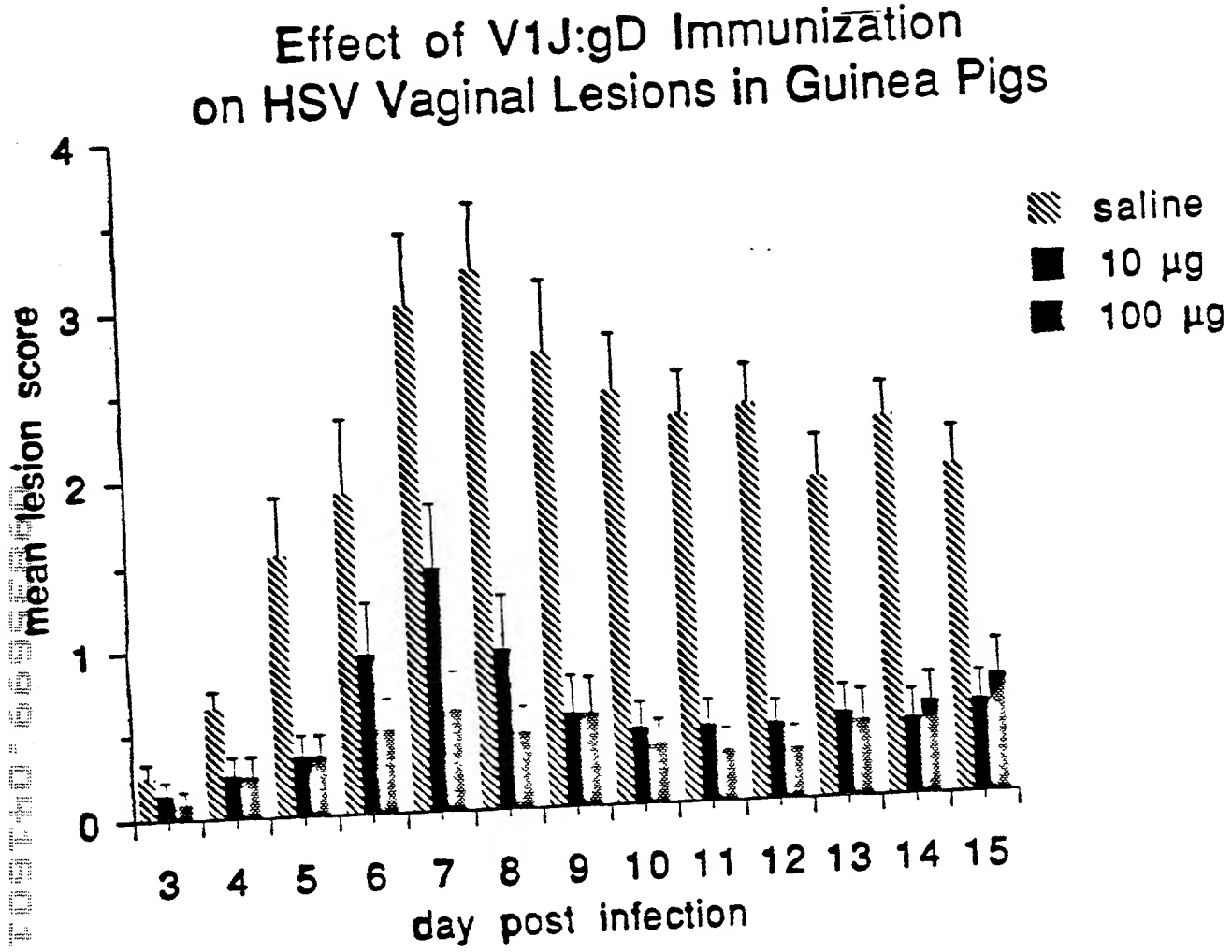

Effect of V1J:gD Immunization
on HSV Vaginal Lesions in Guinea Pigs
mean lesion score
0
1
2
3
4
3 4 5 6 7 8 9 10 11 12 13 14 15
day post infection
saline
10 µg
100 µg

FIGURE 10

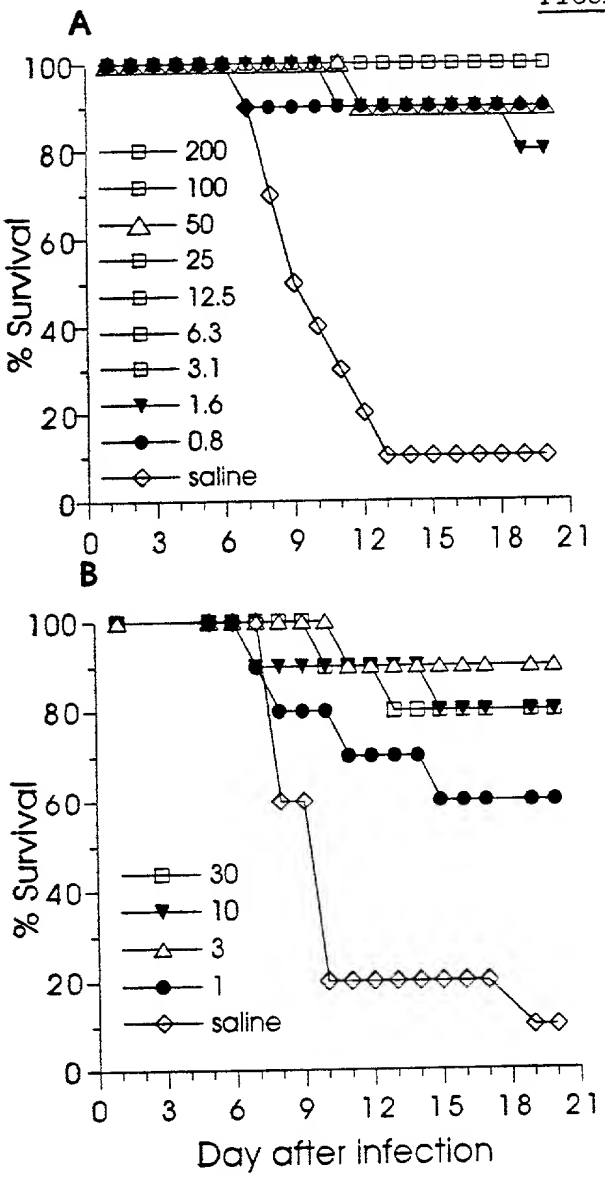

A
100
80
60
40
20
0
% Survival
200
100
50
25
12.5
6.3
3.1
1.6
0.8
saline
0
3
6
9
12
15
18
21
B
100
80
60
40
20
0
% Survival
30
10
3
1
saline
0
3
6
9
12
15
18
21
Day after infection

FIGURE 11

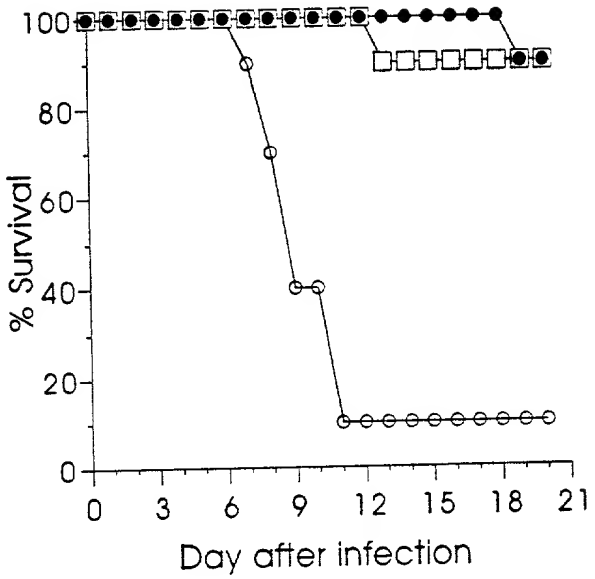


FIGURE 12

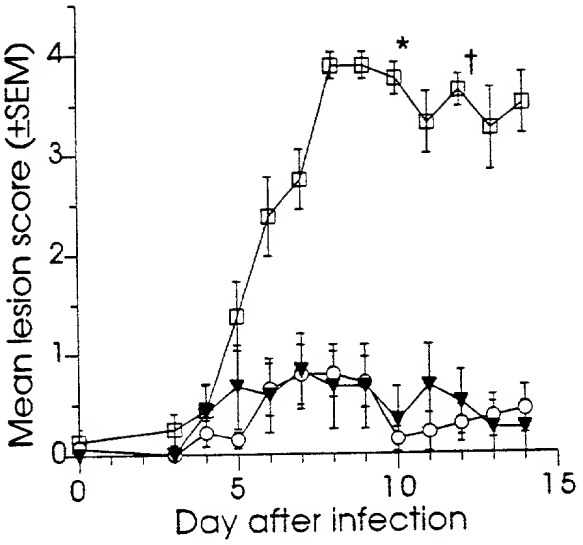


FIGURE 13

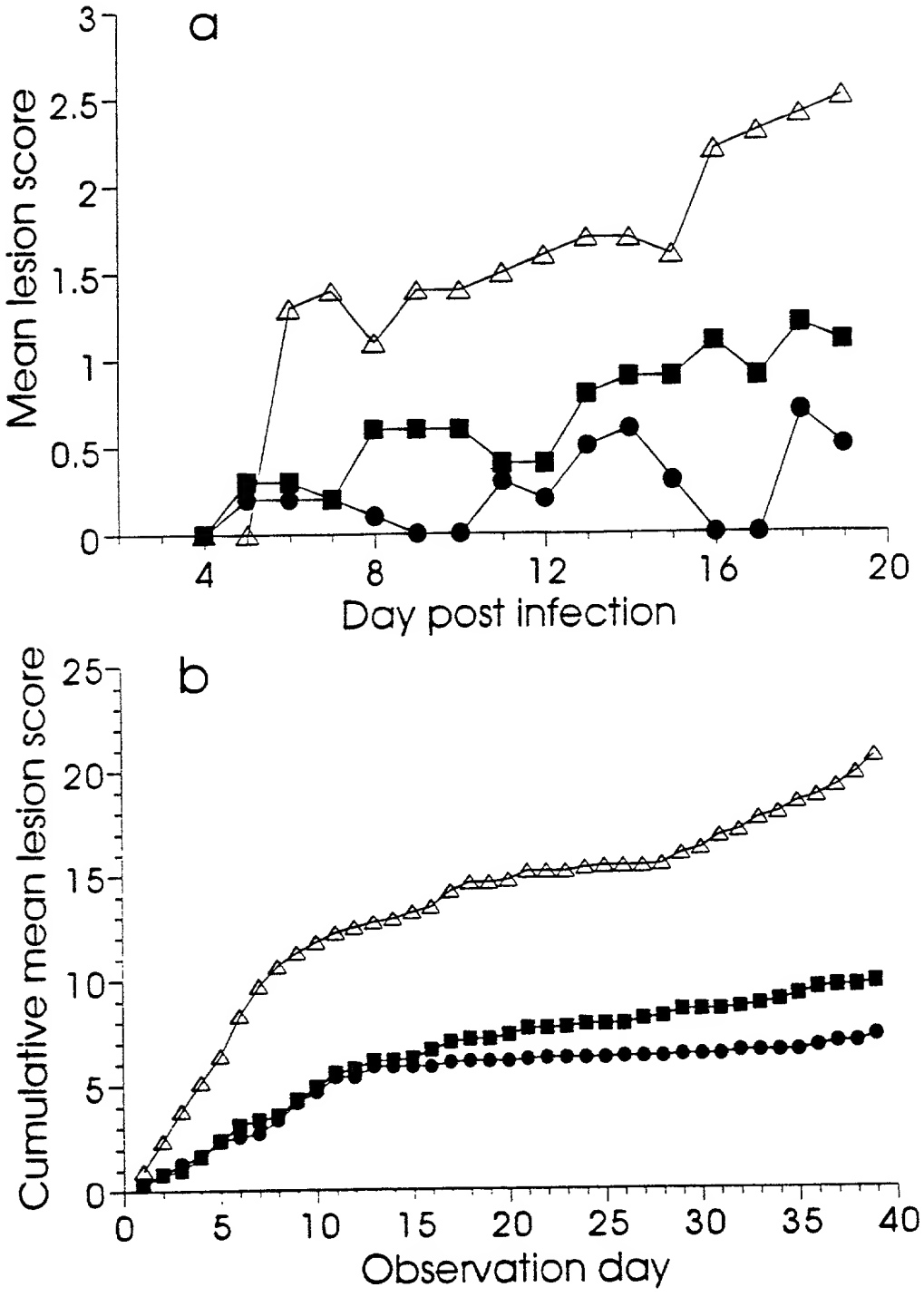

a
Mean lesion score
3
2.5
2
1.5
1
0.5
0
4
8
12
16
20
Day post infection
b
Cumulative mean lesion score
25
20
15
10
5
0
0
5
10
15
20
25
30
35
40
Observation day

FIGURE 14

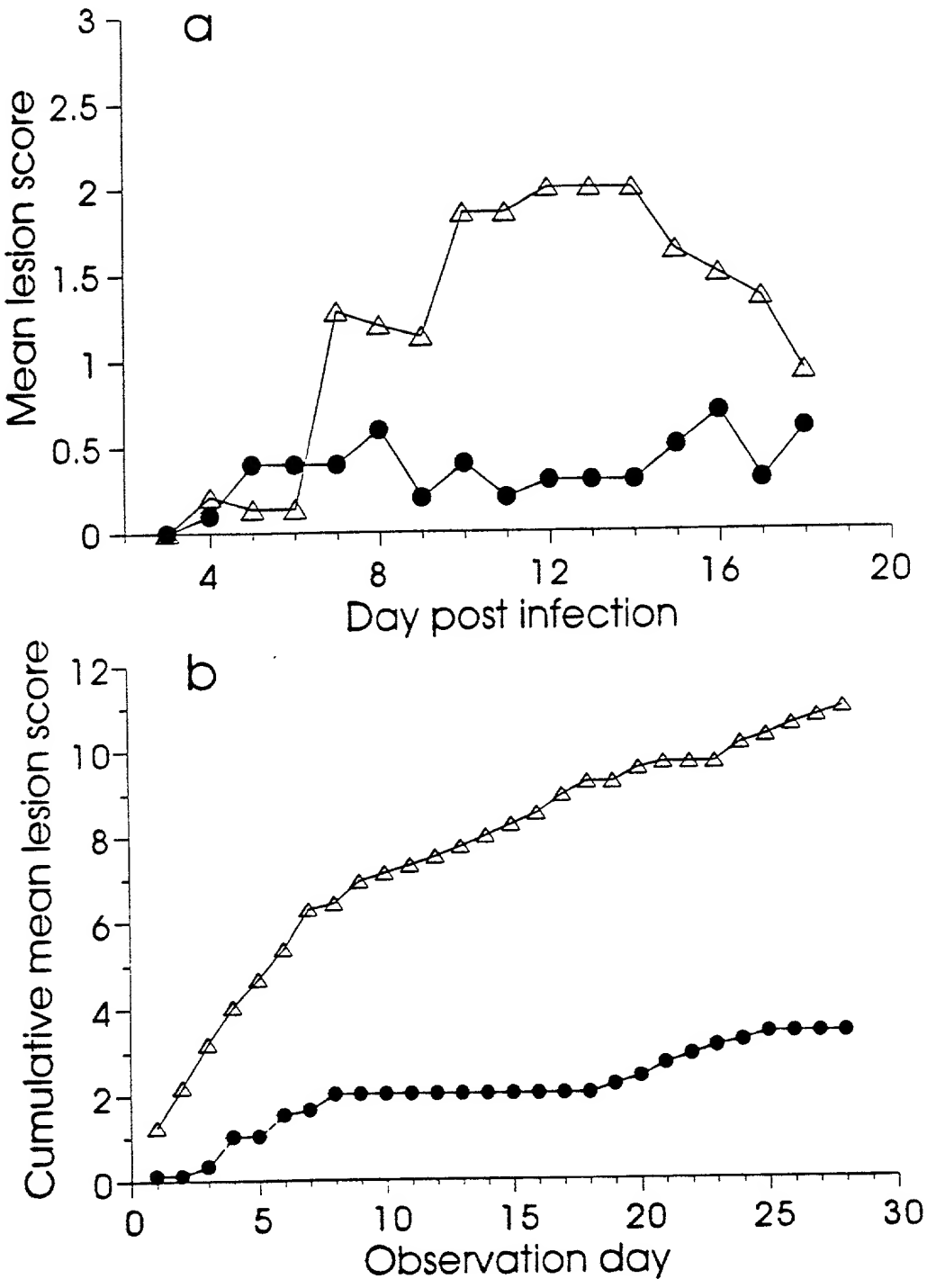
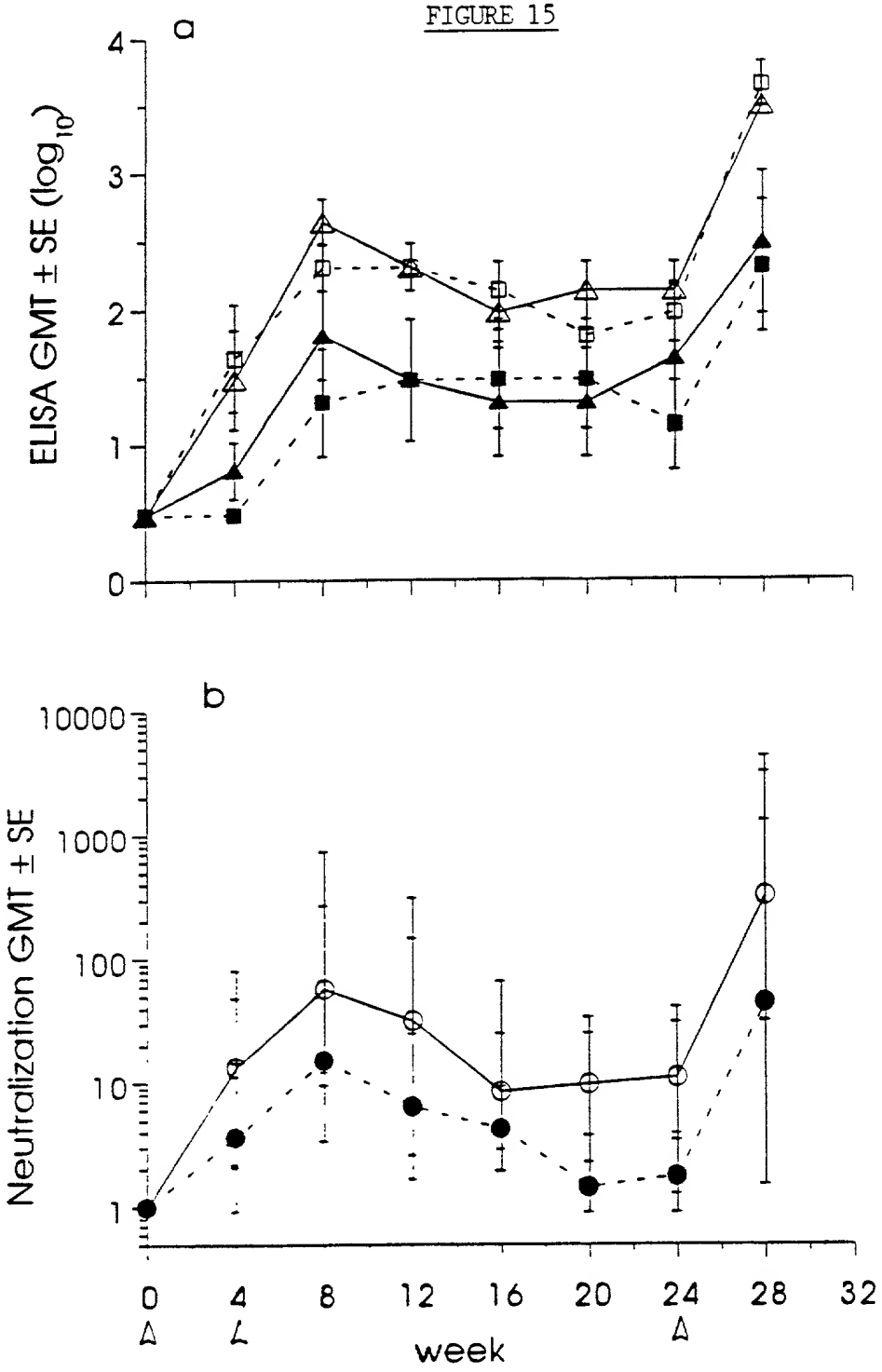

a
Mean lesion score
3
2.5
2
1.5
1
0.5
0
4
8
12
16
20
Day post infection
b
Cumulative mean lesion score
12
10
8
6
4
2
0
0
5
10
15
20
25
30
Observation day

FIGURE 15


a
ELISA GMT ± SE (log_{10})
4
3
2
1
0
b
Neutralization GMT ± SE
10000
1000
100
10
1
0
4
8
12
16
20
24
28
32
week